



In re application of:

Art Unit 2625

Mark E. Haynes

Application No.: 10/052,895

Filed: January 17, 2002

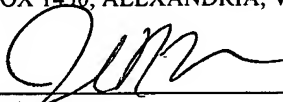
For: HALFTONE PRIMITIVE
WATERMARKING AND
RELATED APPLICATIONS

Examiner: B. Choobin

Date: May 4, 2005

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on May 4, 2005, as First Class Mail in an envelope addressed to: MAIL STOP AMENDMENT, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.


Joel R. Meyer
Attorney for Applicant

INFORMATION DISCLOSURE STATEMENT

MAIL STOP AMENDMENT
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

Applicants submit herewith information of which they are aware, and which they believe may be material to the examination of the application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56. The information is listed on the attached Form PTO. Copies of the cited foreign patent documents and non-patent publications are enclosed.

This information disclosure statement is being filed after the mailing date of a First Office Action on the merits and before the first mailing date of Final Office Action (37 C.F.R. § 1.113), or Notice of Allowance (37 C.F.R. § 1.311).

The submission of information on the attached Form PTO-1449 is not intended as an admission that any such information constitutes prior art against the claims of the application under examination. Applicants do not waive any right to take any appropriate action to antedate or otherwise remove any information from the attached Form PTO-1449.

Please charge the fee of **\$180.00** under 37 C.F.R. § 1.17(p) and any additional fees or credit any overpayment in connection with the filing of this Information Disclosure Statement to Deposit Account No. 50-3284.

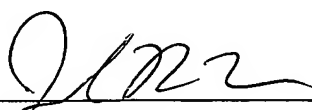
Respectfully submitted,

Date: May 4, 2005

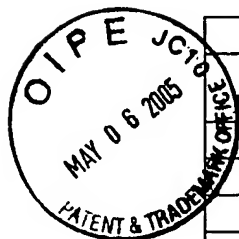
DIGIMARC CORPORATION

Customer Number 23735

Telephone: 503-469-4800
FAX: 503-469-4777

By 
Joel R. Meyer
Registration No. 37,677

INFORMATION DISCLOSURE STATEMENT	Docket: P0564	Ser. No.: 10/052,895
	Applicant: Mark E. Haynes	
	Filed: January 17, 2002	Group: 2625



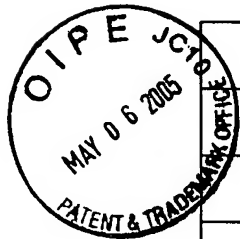
US Patent Documents				
Ex'r Initial	Number	Date	Inventor	Class
	5850481	12/15/98	Rhoads	
	5862260	1/19/99	Rhoads	
	6104812	8/15/00	Koltai et al.	
	6252675	6/26/01	Jacobs	
	6359985	3/19/02	Koch et al.	
	6384935	5/7/02	Yamazaki	
	6449377	9/10/02	Rhoads	
	6614914	9/2/03	Rhoads et al.	
	6694041	2/17/04	Brunk	
	2002002557	1/31/02	Amidror et al.	
Foreign Patent Documents				
Ex'r Initial	Number	Date	Country	Class
	19521969	Feb., 1997	DE.	
	0493091	Jul., 1992	EP.	
	0629972	Dec., 1994	EP.	
	1152592	Nov., 2001	EP.	
	WO 00/62258	Oct., 2000	WO.	
	WO/0174053	Oct., 2001	WO.	
Other References				
Ex'r Initial	Cite			
	Amano, "A Feature Calibration Method for Watermarking of Document Images", Proc. 5.sup.th Int'l Conf on Document Analysis and Recognition, 1999, pp. 91-04, Bangalore, India.			
	Baharav, "Watermarking of Dither Halftoned Images", SPIE vol. 3657, Jan. 1999, pp. 307-316.			
	Bender et al., "Techniques for Data Hiding," SPIE vol. 2420, Jan. 1995, pp. 164-173.			
	Bloomberg, "Embedding Digital Data on Paper in Iconic Text," Feb. 12-13, 1997, Proc. SPIE--Int. Soc. Opt. Eng., vol. 3027, pp. 67-80.			
	Brassil et al., Electronic Marking and Identification Techniques to Discourage Document Copying, Proceedings of INFOCOM '94 Conference on Computer, IEEE Commun. Soc Conference, Jun. 12-16, 1994, pp. 1278-1287.			
	Brassil et al., "Hiding Information in Document Images," Nov., 1995, 7 pages.			
	Caronni, "Assuring Ownership Rights for Digital Images," Published in the Proceedings of 'Reliable IT Systems,' VIS '95, HH. Bruggemann and W. Gerhardt-Hackl (Ed.), Vieweg Publishing Company, Germany, 1995, Jun. 14, 1994, 10 pages.			
	Dautzenberg, "Watermarking Images," Department of Microelectronics and Electrical Engineering, Trinity College Dublin, 47 pages, Oct. 1994.			

Examiner Signature:

Date Considered:

*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Docket: P0564	Ser. No.: 10/052,895
	Applicant: Mark E. Haynes	
	Filed: January 17, 2002	Group: 2625



	Cox et al., "A Secure, Imperceptible Yet Perceptually Salient, Spread Spectrum Watermark for Multimedia," IEEE, Southcon/96, Conference Record, pp. 192-197, 1996.
	Fu et al., "Data Hiding in Halftone Images with Parity Coding," Proc. SPIE Vol. 4314 (2001), pp. 360-368.
	Hecht, "Embedded Data Glyph Technology for Hardcopy Digital Documents," SPIE Vol 2171, 2/94, pp. 341-352.
	Hsu et al., "DCT-Based Watermarking for Video," IEEE Transactions on Consumer Electronics, vol. 44, No. 1, Feb. 1998, pp. 206-216.
	Knox, "Digital Watermarks Using Stochastic Screens", SPIE vol. 3018, 1997, pp. 316-322.
	Koch et al., "Copyright Protection for Multimedia Data," Proc. of the International Conference on Digital Media and Electronic Publishing, Dec., 1994, Leeds, U.K., 15 pages.
	Komatsu et al., "A Proposal on Digital Watermark in Document Image Communication and Its Application to Realizing a Signature," Electronics and Communications in Japan, Part 1, vol. 73, No. 5, 1990, pp. 22-33.
	Komatsu et al., "Authentication System Using Concealed Image in Telematics," Memoirs of the School of Science & Engineering, Waseda Univ., No. 52, 1988, pp. 45-60.
	Low, "Document Identification for Copyright Protection Using Centroid Detection", IEEE, Vol 46, No. 3, Mar. 1998, pp. 372-383.
	Matsui et al., "Embedding A Watermark to Binary Pictures in a Hardcopy System," Memoirs of the National Defense Academy (Japan) vol. 36, No. 2, pp. 13-20.
	Matsui et al., "Video-Steganography: How to Secretly Embed a Signature in a Picture," IMA Intellectual Property Project Proceedings, Jan. 1994, vol. 1, Issue 1, pp. 187-205.
	Mei et al., "Data Hiding in Binary Text Documents," Proc. SPIE, Vol. 4314 (2001), pp. 369-375.
	Nakamura et al., "A Unified Coding Method of Dithered Image and Text Data Using Micropatterns," Electronics and Communications in Japan, Part 1, vol. 72, No. 4, 1989, pp. 50-56.
	Nakamura et al., "A Unified Coding Method of Image and Text Data Using Discrete Orthogonal Transform," Systems and Computers in Japan, vol. 21, No. 3, 1990, pp. 87-02.
	Szepanski, "A Signal Theoretic Method for Creating Forgery-Proof Documents for Automatic Verification," Proceedings 1979 Carnhan Conference on Crime Countermeasures, May 16, 1979, pp. 101-109.
	Tanaka et al., "Embedding Secret Information Into a Dithered Multi-Level Image," Proc. IEEE Military Comm. Conf., Sep. 1990, pp. 216-220.
	Tanaka, "Embedding the Attribute Information Into a Dithered Image," Systems and Computers in Japan, vol. 21, No. 7, 1990, pp. 43-50.
	Tanaka et al., "New Integrated Coding Schemes for Computer Aided Facsimile," Proc. IEEE Int'Conf. on Sys. Integration, Apr. 1990, pp. 275-281.
	Wang, "Embedding Digital Watermarks in Halftone Screens", SPIE vol. 3971, 2000, pp. 218-227.
	Wu, "Data Hiding in Digital Binary Image", IEEE, 2000, pp. 393-396.
	Zhao, "A WWW Service to Embed and Prove Digital Copyright Watermarks", Proc. Of the European Conf. on Multimedia Applications, May 1996, 15 pages.

Examiner Signature:

Date Considered:

*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.